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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

NGUYEN, THUY-VI THI

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/731,696	Applicant(s) LLOYD ET AL.	
	Examiner THUY-VI NGUYEN	Art Unit 3689	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 March 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21; 23-37 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21; 23-37 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 03/12/10 has been entered.

Response to Amendment

2. This is in response to the applicant's communication filed on 03/12/10, wherein:

Claims 1-21; 23-37 are currently pending;

Claims 1-21, 23-37 have been amended;

Claims 22 and 38 have been cancelled.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Independent claim 1, recites the terms "the processor", there is insufficient antecedent and basis for this limitation.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

5. Claims 1-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over SULTAN (US 6,804,657) in view of EHLERS ET AL (US 7,516,106).

As for independent claim 1, SULTAN discloses a computer implemented method for presenting forecast information in a computer system {see figures 2-3; col. 2, lines 8-14} comprising:

receiving a forecast definition at the computer system, wherein the forecast definition comprising a forecast interval and a forecast period,

{see figures 2- 3, at least col. 7, lines 23-44; col. 12, lines 5-24 discloses the computer system receiving the forecast definition included the forecast period and forecast interval. For example: *forecast information is entered through a suitable Internet application, such as a Web browser 316 by the sale force (participant),*

Art Unit: 3689

transmitted over the network 312 and stored in the database 310. Forecast information may include the time frame (forecast period) during which the pipeline and or forecasted sale take place}.

{Also see figure 3 and col. 9, lines 5-67. and col. 10, lines 1-67 discloses forecast definition include the forecast interval (time, period), e.g. *the account supervisor in the hierarchy organization can able to see the sum of the sales forecasts (covering the next quarter or quarterly) for each of her account representatives*

generating a plurality of forecast snapshots, comprising for each of the plurality of forecast snapshots, generating a forecast within a selecting period of time e.g. quarterly or weekly , and storing the forecast as a forecast snapshot of the plurality of forecast snapshots;

{see figures 2- 3, at least col. col. 2, lines 8-18, col. 7, lines 23-44; col. 9, lines 5-67; col. 10, lines 1-60 discloses generating a real time sales forecasts, include a forecast period, a forecast interval (e.g. forecast is generated quarterly, and all forecast information are save in the database 310. The forecast information can be view (on a worksheet (web) page) the current (real time) pipeline information));

generating a report e.g. forecast information using the plurality of forecast snapshots in response to receive a request at the computer system;

{see at least figure 3, col. 3, lines 54-67, discloses a user is making a request for generating forecast; or col. 12, lines 1-19 discloses receiving a request for generating a forecast from a user when the user entering the parameters for the desired forecast};

Art Unit: 3689

{see figures 2- 3, at least col. col. 2, lines 8-18, col. 7, lines 23-44; col. 9, lines 5-67; col. 10, lines 1-60 discloses *generating a real time sales forecasts* , include a forecast period, a forecast interval (e.g. forecast is generated quarterly, and all forecast information are save in the database 310. The forecast information can be view (on a worksheet (web) page) the current (real time) pipeline information));

displaying, on a display coupled to the processor, the report of forecast information for the forecast period

{see figure 3, col. 9, lines 5-67, col. 10, lines 10-60, and col. 12, lines 1-19 discloses the generating a forecast and display on a screen. A display which displays the summary forecast information}

SULTAN discloses the claim invention as stated above. SULTAN further discloses the generating and displaying the forecast in real time. The particular period of forecast information can be pulled or retrieved e.g. forecast information for monthly or quarterly as selected by the user {see figure 3, col. 11, lines 49-67}.

However, SULTAN doesn't explicitly disclose about the "forecast snapshots" feature, and the forecast period comprises a plurality of forecast intervals which are stored as a forecast snapshot.

Note: As for the "forecast snapshots" feature, It would have been obvious to one of ordinary skill in the art to understand that the forecast information is created a specific of time, and it is displayed and viewed as a snapshot or quick view of something a moment in time and the forecast is a snapshot of the weekly or monthly or quarterly opportunities.

EHLERS ET AL cites to teach the known technique of generating a variety of reports to view historical information (e.g. information about the homes), wherein the history information is recorded or collected in the periodic interval. For example: daily temperature reports displaying temperature and set points in, e.g. 15 minute intervals. Monthly temperature reports display daily low, high and average temperature. Daily electrical reports displaying electrical consumption hourly and electrical cost e.g. 15 minutes intervals. Monthly electrical reports displaying daily low, high and average energy consumption. Monthly consumption reports displaying daily energy consumption and costs. Yearly consumption and cost reports displaying monthly energy consumption and cost. {see at least col. 7, lines 40-45; col. 12, lines 4-22; col.45, lines 33-67, figures 4K-4M, col. 50, lines 9-24, and figure 5H-5I}; and also see col. 10, lines 42-55 wherein the load profile is displayed as a snapshot to the user. This known technique is applicable to the system of SULTAN as they both share characteristics and capabilities, namely, they are directed to collecting the data with respect to the periodic of time to generate the report.

Therefore, one of ordinary skill in the art would have recognized that applying the known technique of EHLERS ET AL would have been yielded predictable results and resulted in an improved system. It would have been recognized that applying the technique of EHLERS ET AL to the teachings of SULTAN would have yielded predictable results because the level of ordinary skill in the art demonstrated by the references applied shows the ability to incorporate such data processing features into similar system. Further, applying collecting information as a snapshot to generate a

Art Unit: 3689

report for a particular period comprises a plurality of data intervals to the reference of SULTAN with collecting information to generate the report for a particular period (quarterly, monthly), would have been recognized by those of ordinary skill in the art as resulting in an improved system that would allow a report covering a period of time to be generated from series of snapshot.

As for claim 2, SULTAN disclose wherein the forecast information includes a date for each forecast snapshot {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 3, SULTAN disclose wherein forecast information includes a row for a participant that, when selected, provides more detailed information about each participant {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 4, SULTAN disclose wherein forecast information includes closed revenue and forecast revenue {see col. 7, lines 20-43; col. 9, lines 30-67}

As for claims 5-6, SULTAN discloses wherein forecast information comprises revenue such as pipeline revenue, expected revenue {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 7, SULTAN disclose wherein forecast information of the comprises closed revenue and forecast revenue {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 8, SULTAN discloses wherein the forecast information comprises pipeline revenue {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 9, SULTAN discloses wherein forecast information comprises name of the participant {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 10, SULTAN discloses wherein forecast information comprises information for each opportunity of user {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 11, SULTAN discloses wherein forecast information comprises opportunity identifier and forecast revenue {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 12, SULTAN disclose wherein forecast information comprises a row of information for each forecast snapshot, a row of information for each participant, and the user area comprises a row for each opportunity of the user {see at figure 3, discloses a single display comprise forecast information report include forecast information, the sales group area (participant), and the pipeline information (user area include opportunities information); and

Also col. 9, lines 5-67, col. 10, lines 10-60 discloses the generating a forecast and display on a screen. A display which displays forecast information. Especially tables on col. 9, lines 30-36; col. 10, lines 5-16; and lines 45-50 discloses forecast information, participant/member information; and opportunities/pipeline revenue information.}

As for claim 13, SULTAN disclose wherein forecast information comprises forecasted quantity of a product {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 14, SULTAN disclose wherein forecast information comprises closed quantity of a product {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

As for claim 15, SULTAN disclose wherein forecast information comprises pipeline quantity of a product {see figure 3, col. 9, lines 30-36; col. 10, lines 1-16, and lines 45-50}

Note: Claims 2-16, the term “forecast information comprises closed revenue, forecast revenue, pipeline revenue, opportunity identifier, summary area information, product quantity”, in the “forecast snapshot”, have been determined to be non-functional descriptive material (NFDM), thus having no patentable weight and does not need to be taught by the prior art. Nonfunctional descriptive material can not render nonobvious an invention that would have other wise been obvious. In re Gulack, 703 F. 2d 1381, 1385, 217 USPQ 401, 40-4 (Fed. Cir. 1983) (when descriptive material is not functionally related to the substrate, the descriptive material will not distinguish the invention from the prior art in terms of patentability. See MPEP 2106.01.

As for independent claim 16, SULTAN discloses a computer system for presenting forecast information comprising: a memory to store a forecast, a processor coupled to memory {see figure 4} which configured to carry the method step of the independent claim 1 above. It is rejected for the same reason sets forth the rejected independent claim 1 as recited above.

As for dep. claims 17-18, which disclose forecast information comprises a date of forecast, a row for each participant, and opportunity information, this is taught in SULTAN, see at least {figure 3, col. 9, lines 5-67, col. 10, lines 10-60}.

As for dep. claims 19-21 which discloses forecast information comprises the type of revenue information, this is fairly taught in SULTAN, see at least {figure 3, col. 9, lines 5-67, col. 10, lines 10-60}.

As for dep. claims 23-25 which discloses forecast information comprises the type of information such as revenue, name of participant, this is fairly taught in SULTAN, see at least {figure 3, col. 9, lines 5-67, col. 10, lines 10-60}.

As for dep. claims 26-27 which discloses forecast information comprises current opportunity, this is taught in {figures 3 and 4, col. 9, lines 5-67, col. 10, lines 10-60}.

As for dep. claims 18-31, basically these claims carry the similar steps as dep. claims 12-15 above. They are rejected for the same reason sets forth the rejected dep. claims 12-15 as cited above.

Note: Claims 17-32, the term "information of the area, closed revenue, forecast revenue, pipeline revenue, opportunity identifier, summary area information, product quantity", in the "forecast snapshot", have been determined to be non-functional descriptive material (NFDM), thus having no patentable weight and does not need to be taught by the prior art. Nonfunctional descriptive material can not render nonobvious an invention that would have other wise been obvious. In re Gulack, 703 F. 2d 1381, 1385, 217 USPQ 401, 40-4 (Fed. Cir. 1983) (when descriptive material is not functionally

Art Unit: 3689

related to the substrate, the descriptive material will not distinguish the invention from the prior art in terms of patentability. See MPEP 2106.01.

As for independent claim 32, basically this claim deals with a computer readable storage medium containing instructions for controlling a computer system , when executed by a processor in the computer system, cause the processor to perform a method step of the independent claim 1 above. Therefore, it is rejected for the same reason sets for the rejected independent claim 1 as recited above.

As for dep. claims 33-34, basically these claims have the similar steps as the rejected dep. claims 2-3 above. Therefore, they are rejected for the same reason sets forth dep. claims 2-3 as indicated above.

As for dep. claims 35-37, basically these claims have the similar steps as rejected dep. claims 9, 12-13 above. Therefore, they are rejected for the same reason sets forth dep. claims 9, 12-13 as indicated above.

Response to Arguments

6. Applicant's arguments with respect to claims 1-21, 23-37 have been considered but are moot in view of the new ground(s) of rejection.

In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies on page 12 of remark (i.e. *storing forecast snapshots at intervals of time*) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Art Unit: 3689

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy-Vi Nguyen whose telephone number is 571-270-1614. The examiner can normally be reached on Monday through Thursday from 8:30 A.M to 6:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Janice Mooneyham can be reached on 571-272-6805. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. N./

Examiner, Art Unit 3689

/Janice A. Mooneyham/

Supervisory Patent Examiner, Art Unit 3689